

IN THE CLAIMS:

Please amend Claims 1-39 as follows:

1. (Currently Amended) A process cartridge ~~adapted to be~~ detachably attachable attached to a body of an image forming apparatus, comprising:

an image bearing member;

a developing device configured and positioned to develop means for developing an electrostatic image formed on said image bearing member by using developer to form a developer image on said image bearing member; and

a developer charger configured and positioned to charge charging means for charging residual developer on said image bearing member disposed downstream, with respect to a moving direction of said image bearing member, of a transferring position at which said developer image is transferred onto a transfer ~~destination~~ member and upstream, with respect to the moving direction of said image bearing member, of a position at which the electrostatic image is formed on said image bearing member,

said developer charger charging means being disposed to ~~in such a way that it can be in contact with~~ said image bearing member, and

said developer charger charging means being movable in a direction substantially the

same as ~~a~~ the longitudinal direction of said image bearing member upon charging said residual developer, developer;

wherein in the direction substantially the same as the longitudinal direction of said image bearing member, when letting L1 (mm) be denotes a the developing width of said developing device means, letting L2 (mm) be denotes a the contact width of said developer charger charging means with said image bearing member, and letting d (mm) be a denotes the width of movement of said developer charger charging means, the following condition is satisfied:

$$L1 + d \leq L2.$$

2. (Currently Amended) A process cartridge according claim 1,
further comprising a charging device configured and positioned to charge that charges said image bearing member for allowing formation of said electrostatic image,
wherein when letting L3 (mm) be a denotes the charging width of said charging device in ~~the a~~ direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L3.$$

3. (Currently Amended) A process cartridge according to claim 1,
wherein said the body of the apparatus has a transferring means device configured and positioned to transfer for transferring said the developer image onto said the transfer destination member at said the transferring position, and
wherein when letting L4 (mm) be a denotes the transferring width of said the transferring means in the device in a direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L4.$$

4. (Currently Amended) A process cartridge according to claim 1, wherein when letting L5 (mm) be a denotes the length of a chargeable portion of said image bearing member in the a direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L2 \leq L5 - d.$$

5. (Currently Amended) A process cartridge according to claim 2, wherein letting when L5 (mm) be a denotes the length of a chargeable portion of said image bearing member in the a

direction substantially the same as the longitudinal direction of the image bearing member, the following condition is satisfied:

$$L3 \leq L5.$$

6. (Currently Amended) A process cartridge according to claim 1, wherein ~~said~~ the body of the apparatus ~~has~~ includes:

a transferring device means configured and positioned to transfer the ~~for transferring~~ said developer image onto ~~said~~ the transfer destination member at ~~said~~ the transferring position; and
a cleaning device configured and positioned to remove ~~means for removing~~ developer on ~~said~~ the transfer destination member, and

wherein ~~letting~~ when L6 (mm) ~~be a~~ denotes the cleaning width of ~~said~~ the cleaning device ~~means~~ in the a direction substantially the same as the longitudinal direction of the image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L6.$$

7. (Currently Amended) A process cartridge according to claim 1, wherein upon charging said residual developer, said developer charger charging ~~means~~ can reciprocate in the a direction substantially the same as the longitudinal direction of said image bearing member.

8. (Currently Amended) A process cartridge according to claim 1, wherein a DC voltage having a charge polarity the same as a normal charge polarity of the developer is applied to said developer charger charging means.

9. (Currently Amended) A process cartridge according to claim 1, wherein said developer charger charging means has a fiber brush portion that is in contact with said image bearing member.

10. (Currently Amended) A process cartridge according to claim 1, wherein said developing device means is capable of recovering residual developer on said image bearing member.

11. (Currently Amended) A process cartridge according to claim 2 ~~1~~, wherein said charging device is disposed in contact with said image bearing member.

12. (Currently Amended) A process cartridge according to claim ~~1~~ or 2, wherein an oscillating voltage is applied to said charging device.

13. (Currently Amended) A process cartridge according to claim 12, wherein said charging device reduces a the charge amount of developer remaining on said image bearing member.

14. (Currently Amended) A process cartridge according to claim 1, further comprising a second developer charger configured and positioned to charge charging means for charging residual developer on said image bearing member with a charge polarity reverse to a normal charge polarity of developer that is disposed downstream, with respect to the moving direction of said image bearing member, of said the transferring position and upstream, with respect to the moving direction of said image bearing member, of said developer charger charging means,

said second developer charging means charger being disposed in such a way that it can be in to contact with said image bearing member, and

said second developer charger charging means being movable in the a direction substantially the same as a the longitudinal direction of said image bearing member.

15. (Currently Amended) A process cartridge according to claim 14, wherein said second developer charger charging means is capable of reciprocating in ~~the a~~ direction substantially the same as the longitudinal direction of the image bearing member.

16. (Currently Amended) A process cartridge according to claim 14, wherein said second developer charger charging means has a fiber brush portion that is in contact with said image bearing member.

17. (Currently Amended) A process cartridge according to claim 14,
wherein a the contact width of said second developer charger charging means and said image bearing member is substantially the same as a the contact width of said developer charger charging means and said image bearing member in ~~the a~~ direction substantially the same as the longitudinal direction of said image bearing member, and a
wherein the width of movement of said second developer charger charging means is substantially the same as the width of movement of said developer charger charging means.

18. (Currently Amended) An image forming apparatus comprising:
an image bearing member;

a developing device configured and positioned to develop means for developing an electrostatic image formed on said image bearing member by using developer to form a developer image on said image bearing member; and

a developer charger configured and positioned to charge charging means for charging residual developer on said image bearing member disposed downstream, with respect to a moving direction of said image bearing member, of a transferring position at which said developer image is transferred onto a transfer ~~destination~~ member and upstream, with respect to the moving direction of said image bearing member, of a position at which the electrostatic image is formed on said image bearing member,

said developer charger charging means being disposed to in such a way that it can be in contact with said image bearing member, and

said developer charger charging means being movable in a direction substantially the same as a the longitudinal direction of said image bearing member upon charging said residual developer, developer;

wherein in the a direction substantially the same as the longitudinal direction of said image bearing member, letting when L1 (mm) be a denotes the developing width of said developing device means, letting L2 (mm) be a denotes the contact width of said developer

charger charging means with said image bearing member, and letting d (mm) be a denotes the width of movement of said developer charging means, the following condition is satisfied:

$$L1 + d \leq L2.$$

19. (Currently Amended) An image forming apparatus according claim 18, further comprising a charging device configured and positioned to charge that charges said image bearing member for allowing formation of said electrostatic image, wherein when letting L3 (mm) be a denotes the charging width of said charging device in the a direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L3.$$

20. (Currently Amended) An image forming apparatus according to claim 18, further comprising a transferring device configured and positioned to transfer means for transferring said the developer image onto said the transfer destination member at said the transferring position, wherein when letting L4 (mm) be a denotes the transferring width of said transferring device means in the a direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L4.$$

21. (Currently Amended) An image forming apparatus according to claim 18, wherein
when letting L5 (mm) be a denotes the length of a chargeable portion of said image bearing
member in the a direction substantially the same as the longitudinal direction of said image
bearing member, the following condition is satisfied:

$$L2 \leq L5 - d.$$

22. (Currently Amended) An image forming apparatus according to claim 19, wherein
when letting L5 (mm) be a denotes the length of a chargeable portion of said image bearing
member in the a direction substantially the same as the longitudinal direction of the image
bearing member, the following condition is satisfied:

$$L3 \leq L5.$$

23. (Currently Amended) An image forming apparatus according to claim 18, further
comprising:

a transferring device configured and positioned to transfer means for transferring said the
developer image onto said the transfer destination member at said the transferring position; and

a cleaning device configured and positioned to remove means for removing developer on said the transfer destination member,

wherein letting when L6 denotes the (mm) be a cleaning width of said cleaning device means in the in a direction substantially the same as the longitudinal direction of the image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L6.$$

24. (Currently Amended) An image forming apparatus according to claim 18, further comprising:

a carrying member configured and positioned to carry for carrying said the transfer destination member and conveying the transfer member it to said the transferring position;
position;

a transferring device configured and positioned to transfer means for transferring said the developer image onto said the transfer destination member at said the transferring position; and
a cleaning device configured and positioned to remove means for removing developer on said image bearing member,

wherein when letting L6 denotes the (mm) be a cleaning width of said cleaning device means in the a direction substantially the same as the longitudinal direction of said image bearing member, the following condition is satisfied:

$$L1 + 2d \leq L6.$$

25. (Currently Amended) An image forming apparatus according to claim 18, wherein upon charging said residual developer, said developer charger charging means can reciprocate in the a direction substantially the same as the longitudinal direction of said image bearing member.

26. (Currently Amended) An image forming apparatus according to claim 18, wherein a DC voltage having a charge polarity the same as a normal charge polarity of the developer is applied to said developer charger charging means.

27. (Currently Amended) An image forming apparatus according to claim 18, wherein said developer charger charging means has a fiber brush portion that is in contact with said image bearing member.

28. (Currently Amended) An image forming apparatus according to claim 18, wherein said developing device means is capable of recovering residual developer on said image bearing member.

29. (Currently Amended) An image forming apparatus according to claim 19 ~~18~~, wherein said charging device is disposed in contact with said image bearing member.

30. (Currently Amended) An image forming apparatus according to claim ~~18~~ or 19, wherein an oscillating voltage is applied to said charging device.

31. (Currently Amended) An image forming apparatus according to claim 30, wherein said charging device reduces ~~a~~ the charge amount of developer remaining on said image bearing member.

32. (Currently Amended) An image forming apparatus according to claim 18, further comprising:

~~a second developer charger configured and positioned to charge charging means for charging residual developer on said image bearing member with a charge polarity reverse to a~~

normal charge polarity of developer disposed downstream, with respect to the moving direction of said image bearing member, of said the transferring position and upstream, with respect to the moving direction of said image bearing member, of said developer charger charging means,
said second developer charger charging means being disposed in such a way that it can be in to contact with said image bearing member, and

 said second developer charger charging means being movable in the a direction substantially the same as a longitudinal direction of said image bearing member.

33. (Currently Amended) An image forming apparatus according to claim 32, wherein said second developer charger charging means is capable of reciprocating in the a direction substantially the same as the longitudinal direction of the image bearing member.

34. (Currently Amended) An image forming apparatus according to claim 32, wherein said second developer charger charging means has a fiber brush portion that is in contact with said image bearing member.

35. (Currently Amended) An image forming apparatus according to claim 32,
wherein a the contact width of said second developer charger charging means and said
image bearing member is substantially the same as a the contact width of said developer charger
charging means and said image bearing member in the a direction substantially the same as the
longitudinal direction of said image bearing member, and
wherein the a width of movement of said second developer charger charging means is
substantially the same as the width of movement of said developer charger charging means.

36. (Currently Amended) An image forming apparatus according to claim 18,
further comprising provided with a plurality of image forming stations each of which
having has said image bearing member, said developing device, means and said developer
charger charging means,
wherein developer images are transferred from the said image bearing members of the
said respective image forming stations onto said the transfer destination member that moves
through the said image forming stations.

37. (Currently Amended) An image forming apparatus according to claim 36, wherein
~~said the transfer destination~~ member is an intermediate transferring member, and said developer
images are transferred from said intermediate transferring member onto a transferring material.

38. (Currently Amended) An image forming apparatus according to claim 36, wherein
~~said the transfer destination~~ member is a transferring material, and a transferring material
carrying member that carries the transferring material moves through said image forming
stations.

39. (Currently Amended) An image forming apparatus according to claim 36, wherein
said image forming stations form developer images of different colors on ~~said the transfer~~
~~destination~~ member respectively.